

AMENDMENT TO THE CLAIMS

Claims 1-5 (Cancelled)

6.(New) A device in connection with a pipe for transformation of dispersed liquid/gas flow into stratified flow, wherein a first set of stationary guide blades is arranged in the pipe and is designed to rotate the liquid/gas flow, the pipe is connected to a second pipe with the same or a different diameter and, in a transition between the pipe and the second pipe, there is a second set of blades or a device that is designed to stop the rotation of the gas so that the natural flow pattern of the gas/liquid in the second pipe becomes stratified over a predefined distance.

7.(New) A device in accordance with claim 6, wherein the second pipe has a larger diameter than the first pipe.

8.(New) A device in accordance with claim 6, wherein a venturi is arranged in the pipe, and the first set of guide blades is arranged at the inlet of the venturi, while the second set of guide blades is arranged at the outlet of the venturi.

9.(New) A device in accordance with claim 6, wherein the second device is a perforated plate.

10.(New) A device in accordance with claim 9, wherein the perforated plate is arranged at an angle in relation to the longitudinal direction of the pipe.

11.(New) A device in accordance with claim 7, wherein the second device is a perforated plate.

12.(New) A device in accordance with claim 8, wherein the second device is a perforated plate.